

Abstract of the Disclosure

A device for balancing of a radial threaded spindle eccentricity of a spindle drive (1) to avoid blocking of the spindle drive during lifting movement of a platform (2), in which the platform is mounted on several axiparallel spindles (G1; G2; G3; G4) by bearing devices (L1; L2; L3; L4) arranged on it and can be lifted
5 together with the bearing devices axially along the spindle. The spindle drive (1) has at least three axiparallel, rotatable threaded spindles (G1; G2; G3; G4) with bearing device (L1; L2; L3; L4) with different or the same bearing clearance (F1; F2) in a polygonal arrangement; low-friction bearing devices (L1; L2; L3; L4) with radial
10 bearing clearance (F1; F2) are arranged to balance the radial eccentricity of the rotating threaded spindles so that a relative radial movement of the rotating spindles to platform (2) is possible with limited force expenditure; and the bearing devices (L1; L2; L3; L4) each have an annular ball bearing (3) arranged concentrically around the spindles (G1; G2; G3; G4).